

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

SUCCESS STORIES

JULY 1 – DECEMBER 31, 2001

(Extracted from Semiannual Performance Reports)

FORMER FT. ORD ARMY BASE/PRESIDIO OF MONTEREY ANNEX – PCA NO. 16622

Success Stories:

The Army's contractor has begun implementing a base-wide program to transition from traditional purge-and-sample techniques to use of passive diffusion samplers. With over two hundred ground water monitoring wells on and off-base, the new technology will reduce monitoring costs by approximately 60 percent after full implementation in two to three years. Regional Board staff has researched passive diffusion sampling and is supporting the Army's proposed transition.

VANDENBERG AFB – PCA NO. 16626

Success Stories:

The Dispute between Vandenberg AFB and the Department of Toxic Substances Control on Toxicity Reference Values to be used in the ecological risk assessments was resolved in October 2001. In addition, 19 Underground Storage Tank sites were closed; 40,000 tons of petroleum-contaminated soil were remediated to below cleanup levels in bio-cells; 32,660 gallons of petroleum-contaminated ground water was extracted and treated at Site 20 UST (152 pounds of hydrocarbons were removed from extracted vapor, and seven pounds from extracted ground water); and 400 cubic yards of PCB-contaminated soil was excavated at Site 35 and disposed off-site.

MONTEREY PENINSULA AIRPORT DISTRICT – PCA NO. 16939

Success Stories:

With the assistance of local politicians, the USACE secured \$350,000 in additional year 2001 funding to conduct a Human Health Risk Assessment for the neighboring airport neighborhood. With regulatory assistance, the project was fast-tracked to secure property access agreements, collect and analyze air samples, and report Phase I results to property owners by December 2001.

DFSP NORWALK – PCA NO. 16638

Success Stories:

The closure of the Norwalk Tank Farm has expedited the soil cleanup process for this site. Numerous activities have been completed to enhance the cleanup systems at the site. Horizontal wells have been cleaned to increase water flow rates and efficiency. New air sparge wells have been installed in the northeast area and a pilot study is being conducted for restarting of the air

sparge wells in the southeast area. Five new total fluid wells were installed in the central area and connected to the treatment system to increase free-product and ground water recovery.

SACRAMENTO ARMY DEPOT – PCA NO. 16640

Success Stories:

The Five-Year Review process is complete.

STOCKTON NCTS – PCA NO. 16645

Success Stories:

The Phase II FOST and EBS Reports have been finalized which will allow deed transfer of properties. A “No Further Action Required” letter was finalized for DRMO Site Lot 1201. The Update to the Long-Term Ground Water Monitoring Plan was finalized.

MATHER AFB – PCA NO. 16647

Success Stories:

The Regional Board, acting as the lead agency for petroleum sites, closed underground storage tank (UST) Sites 25, 26, 27, 28, 30, 31, 33, 38, 40, 41, 42, 49 and UST #s 10075 and 10550. The Air Force conducted remedial activities to address potential contamination after removal of the former USTs. These included removal of the dispenser islands, removal of product and vent lines, soil excavation, confirmation sampling and restoration of the sites. Further investigation of ground water was conducted at UST Site 26 and vadose zone modeling was conducted to characterize potential fate and transport of residual contamination at Sites 30 and 31.

CASTLE AFB – PCA NO. 16649

Success Stories:

The Operable Unit #1 ground water treatment plant was removed from service from June to September in order to conserve electricity during the California energy crisis. An estimated 260,000 kilowatt-hours of electricity was saved. The plant treats shallow ground water extracted from nearby source areas and was not necessary for plume containment. This temporary shutdown did not affect plume containment or control and the treatment plant was successfully restarted in September.

BEALE AFB – PCA NO. 16650

Success Stories:

The Biotreatment Cell Facility (which provided bioremediation of excavated soil from over 900 UST sites that were closed) was decommissioned and will be closed following transfer of remaining treated soil to a temporary holding area. The Regional Board will rescind the WDRs for this facility when closure activities for this site are completed. Use of this facility over the last five to six years saved the Air Force significant amounts of money that would have gone toward contaminated soil disposal fees. Treatment of the soils also lead to cost savings as the treated soils were reused as foundation material in the construction of the landfill caps.

OLD HAMMER FIELD (OHF) – FUDS – PCA NO. 16953

Success Stories:

After years of negotiation, an Enforceable Project Schedule has been completed and approved and is awaiting formal signatures by all Cooperative Agreement parties. The schedule will become an Amendment to the 1993 Potentially Responsible Party Agreement for OHF.

EDWARDS AFB – PCA NO. 16660

Success Stories:

The RPMs celebrated ten years of working together to define and cleanup environmental problems at EAFB. The team has approved five alternative cleanup methods which are working effectively.

EL TORO MCAS – PCA NO. 16668

Success Stories:

The Navy and the Department of Justice signed a Settlement Agreement with the Irvine Ranch Water District and the Orange County Water District regarding use of a desalter to clean up the off-base ground water contaminant plume.

TUSTIN MCAF – PCA NO. 16670

Success Stories:

The Record of Decision/Remedial Action Plan for OU-3 Moffet Trenches was signed. The draft document was first issued in 1997.

NAVAL AIR STATION, NORTH ISLAND (NASNI) – PCA NO. 16680

Success Stories:

The completion of the RI phase and the start of FS phase at Site 9. Continuous, aggressive free-product removal action at the Fuel Farm has controlled the migration of petroleum free-products toward San Diego Bay. The size of the free-product plume continues to shrink in size from previous measurements.